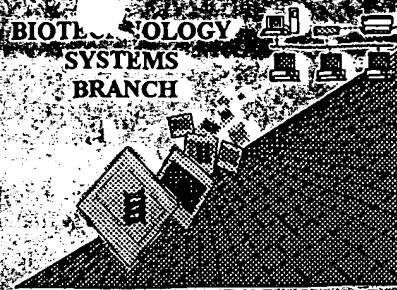


RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/724,964

Source: OLPE

Date Processed by STIC: 10/1/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER
VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO).

Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/724,964

DATE: 10/01/2001

TIME: 15:12:49

Input Set : A:\CIBT-P01-080 SeqList.txt

Output Set: N:\CRF3\10012001\I724964.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Crompton, T.
 5 <120> TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REGULATING LYMPHOCYTE ACTIVITY
 7 <130> FILE REFERENCE: CIBT-P01-080
 9 <140> CURRENT APPLICATION NUMBER: 09/724,964
 OK> 10 <141> CURRENT FILING DATE: 2001-09-13
 12 <150> PRIOR APPLICATION NUMBER: 60/168,112
 13 <151> PRIOR FILING DATE: 1999-11-30
 15 <160> NUMBER OF SEQ ID NOS: 28
 17 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

166 <210> SEQ ID NO: 6
 167 <211> LENGTH: 1425
 168 <212> TYPE: DNA
 169 <213> ORGANISM: Homo sapiens
 171 <400> SEQUENCE: 6
 172 atgctgctgc tggcgagatg tctgctgcta gtcctcgtct cctcgctgct ggtatgctcg 60
 173 ggactggcgt gcggaccggg caggggggttc gggaagagga ggcaccccaa aaagctgacc 120
 174 cctttagcct acaagcagtt tatccccaat gtggccgaga agaccctagg cgccagcgga 180
 175 aggtatgaag ggaagatctc cagaaactcc gagcgattta aggaactcac ccccaattac 240
 176 aaccccgaca tcatatttaa ggatgaagaa aacaccggag cggacaggct gatgactcag 300
 177 aggtgtaagg acaagttgaa cgctttggcc atctcgggtga tgaaccagtg gccaggagtg 360
 178 aaactgcggg tgaccgaggg ctgggacgaa gatggccacc actcagagga gtctctgcac 420
 179 tacgagggcc gcgcagtga catcaccacg tctgaccgag accgcagcaa gtacggcatg 480
 180 ctggcccgcc tggcgggtga ggccggcttc gactgggtgt actacgagtc caaggcacat 540
 181 atccactgct cggtgaaaagc agagaactcg gtggcgggcca aatcgggagg ctgcttcccg 600
 182 ggctcgggcca cggtgacact ggagcagggc ggcaccaagc tgggtgaagga cctgagcccc 660
 183 ggggaccgag tgctggcggc ggacgaccag ggccggctgc tctacagcga cttcctcact 720
 184 ttcctggacc gcgacgacgg cgccaagaag gtcttctacg tgatcgagac gcgggagccg 780
 185 cgcgagcgcc tgctgctcac cgccgcgcac ctgctctttg tggcgccgca caacgactcg 840
 186 gccaccgggg agcccagagg gtcctcgggc tcggggccgc cttccggggg cgcactgggg 900
 187 cctcggggcg tgttcgccag ccgcgtgcgc ccggggccag gcgtgtacgt ggtggccgag 960
 188 cgtgacgggg accgcccggc cctgcccggc gctgtgcaca gcgtgaccct aagcgaggag 1020
 189 gccgagggcg cctacgcgcc gctcacggcc caggggacca ttctcatcaa ccgggtgctg 1080
 190 gcctcgtgct acgcggtcat cgaggagcac agctggggcg accgggcctt cgcgcccttc 1140
 191 cgctggcgcg acgcgctcct ggctgcactg gcgcccgcgc gcacggaccg cggcggggac 1200
 192 agcggcggcg gggaccgcgg gggcggcggc ggcagagtag ccctaaccgc tccagggtgct 1260
 193 gccgacgctc cgggtgcggg ggccaccgcg ggcattccact ggtactcgca gctgctctac 1320
 194 caaataggca cctggctcct ggacagcgag gccctgcacc cgctgggcat ggcggtcaag 1380
 E--> 195 tccagcnnna gccggggggc cggggggagg ggcggggagg gggcc 1425

725 <210> SEQ ID NO: 15
 726 <211> LENGTH: 475
 727 <212> TYPE: PRT
 728 <213> ORGANISM: Homo sapiens
 730 <400> SEQUENCE: 15

see
 item 9 on
 Error Summary
 sheet

RAW SEQUENCE LISTING

DATE: 10/01/2001

PATENT APPLICATION: US/09/724,964

TIME: 15:12:49

Input Set : A:\CIBT-P01-080 SeqList.txt

Output Set: N:\CRF3\10012001\I724964.raw

```

731 Met Leu Leu Leu Ala Arg Cys Leu Leu Leu Val Leu Val Ser Ser Leu
732   1           5           10           15
734 Leu Val Cys Ser Gly Leu Ala Cys Gly Pro Gly Arg Gly Phe Gly Lys
735           20           25           30
737 Arg Arg His Pro Lys Lys Leu Thr Pro Leu Ala Tyr Lys Gln Phe Ile
738           35           40           45
740 Pro Asn Val Ala Glu Lys Thr Leu Gly Ala Ser Gly Arg Tyr Glu Gly
741           50           55           60
743 Lys Ile Ser Arg Asn Ser Glu Arg Phe Lys Glu Leu Thr Pro Asn Tyr
744   65           70           75           80
746 Asn Pro Asp Ile Ile Phe Lys Asp Glu Glu Asn Thr Gly Ala Asp Arg
747           85           90           95
749 Leu Met Thr Gln Arg Cys Lys Asp Lys Leu Asn Ala Leu Ala Ile Ser
750           100          105          110
752 Val Met Asn Gln Trp Pro Gly Val Lys Leu Arg Val Thr Glu Gly Trp
753           115          120          125
755 Asp Glu Asp Gly His His Ser Glu Glu Ser Leu His Tyr Glu Gly Arg
756           130          135          140
758 Ala Val Asp Ile Thr Thr Ser Asp Arg Asp Arg Ser Lys Tyr Gly Met
759  145          150          155          160
761 Leu Ala Arg Leu Ala Val Glu Ala Gly Phe Asp Trp Val Tyr Tyr Glu
762           165          170          175
764 Ser Lys Ala His Ile His Cys Ser Val Lys Ala Glu Asn Ser Val Ala
765           180          185          190
767 Ala Lys Ser Gly Gly Cys Phe Pro Gly Ser Ala Thr Val His Leu Glu
768           195          200          205
770 Gln Gly Gly Thr Lys Leu Val Lys Asp Leu Ser Pro Gly Asp Arg Val
771           210          215          220
773 Leu Ala Ala Asp Asp Gln Gly Arg Leu Leu Tyr Ser Asp Phe Leu Thr
774  225          230          235          240
776 Phe Leu Asp Arg Asp Asp Gly Ala Lys Lys Val Phe Tyr Val Ile Glu
777           245          250          255
779 Thr Arg Glu Pro Arg Glu Arg Leu Leu Leu Thr Ala Ala His Leu Leu
780           260          265          270
782 Phe Val Ala Pro His Asn Asp Ser Ala Thr Gly Glu Pro Glu Ala Ser
783           275          280          285
785 Ser Gly Ser Gly Pro Pro Ser Gly Gly Ala Leu Gly Pro Arg Ala Leu
786           290          295          300
788 Phe Ala Ser Arg Val Arg Pro Gly Gln Arg Val Tyr Val Val Ala Glu
789  305          310          315          320
791 Arg Asp Gly Asp Arg Arg Leu Leu Pro Ala Ala Val His Ser Val Thr
792           325          330          335
794 Leu Ser Glu Glu Ala Ala Gly Ala Tyr Ala Pro Leu Thr Ala Gln Gly
795           340          345          350
797 Thr Ile Leu Ile Asn Arg Val Leu Ala Ser Cys Tyr Ala Val Ile Glu
798           355          360          365
800 Glu His Ser Trp Ala His Arg Ala Phe Ala Pro Phe Arg Leu Ala His
801           370          375          380
803 Ala Leu Leu Ala Ala Leu Ala Pro Ala Arg Thr Asp Arg Gly Gly Asp

```

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/724,964

DATE: 10/01/2001

TIME: 15:12:50

Input Set : A:\CIBT-P01-080 SeqList.txt

Output Set: N:\CRF3\10012001\I724964.raw

```

804 385          390          395          400
806 Ser Gly Gly Gly Asp Arg Gly Gly Gly Gly Gly Arg Val Ala Leu Thr
807          405          410          415
809 Ala Pro Gly Ala Ala Asp Ala Pro Gly Ala Gly Ala Thr Ala Gly Ile
810          420          425          430
812 His Trp Tyr Ser Gln Leu Leu Tyr Gln Ile Gly Thr Trp Leu Leu Asp
813          435          440          445
E--> 815 Ser Glu Ala Leu His Pro Leu Gly Met Ala Val Lys Ser Ser (Xaa) Ser
816          450          455          460
818 Arg Gly Ala Gly Gly Gly Ala Arg Glu Gly Ala
819 465          470          475

```

PSI Use of n and/or Xaa has been detected in the Sequence Listing.
 Review the Sequence Listing to insure a corresponding
 explanation is presented in the <220> to <223> fields of
 each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/724,964

DATE: 10/01/2001

TIME: 15:12:51

Input Set : A:\CIBT-P01-080 SeqList.txt

Output Set: N:\CRF3\10012001\I724964.raw

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:195 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:6
L:815 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:15
L:1448 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1454 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1463 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1466 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1481 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1487 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:1727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1730 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1733 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1736 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1742 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1751 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:1757 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22